

**AUTOMATICALLY PROGRAMMABLE FREQUENCY SCANNING RADIO
RECEIVER AND METHOD OF PROGRAMMING THE SAME**

ABSTRACT OF THE DISCLOSURE

A dynamically programmable frequency scanning radio receiver (30) is disclosed. The frequency scanning radio receiver (30) includes a compiler circuit (38) that identifies transmitting parties of interest from the plurality of transmitting parties stored in a frequency database (42). The compiler circuit (38) identifies the transmitting parties of interest based upon the location of the receiver (32) that is determined by a position locator circuit (44). Frequency data corresponding to the transmitting parties of interest is then stored in a memory (40) such that a processing circuit (36) can be used to control the receiver (32) to monitor transmissions at the frequencies of the transmitting parties of interest. When the frequency scanning radio receiver (30) is moved to a geographical area having different transmitting parties of interest, the frequency scanning radio receiver (30) may be dynamically reprogrammed based upon the new location.